

SECRET

(When Filled In)

MONTHLY PROJECT REPORT				
ORIGINATOR(S) OC-E		BUDGET EST. FY AMOUNT		REPORTING PERIOD 1-31 August 1960
ACTION				
FUTURE	<input checked="" type="checkbox"/> ACTIVE	COMPLETED	CANCELLED	SUSPENDED
PROJECT NUMBER E-5085	PRIORITY CLASS I	PRIM. RESPONSIBILITY SDS	PROJECT ENGINEER	
PROJECT TITLE Communications Systems Planning for New Headquarters Building				
PROJECT REQUIREMENT To determine the types of Communications systems, and the quantities of equipment that will be required for installation in the new Headquarters Building to meet Agency communications requirements.				
PROJECT DESCRIPTION To investigate and compile information on new communications systems and equipment. To meet regularly with representatives of the Message Center Staff, Operations, Engineering, and Security Division, and the OC member of the New Building Planning Staff to discuss communications requirements for the new building. To prepare a list of the equipment that will be required and suggested floor plans and equipment layouts defining spare requirements.				
APPROVAL DATE January 1957	APPROVED BY WAB s/ JJK s/		STARTING DATE January 1957	COMPLETION DATE
REMARKS OC-O is investigating the availability of frequencies for the microwave system compatible with available equipment. A decision needs to be made as to whether funds will be available to procure a 200 KW non-interrupt generator for use as emergency power for the main signal center. The cost is in excess of \$50,000.00. Building plans needs the information immediately so that the architects can install the proper footing etc. for the generator which will be used. Present plans call for the contractor to buy and install power panels for the twin 100's presently used by the "L" building signal center. The non-interrupt generator contains its own power panels and therefore would change procurement by the contractor. [] does not desire that the twin 100's be removed until the new building is in full operation. Second, Model-28 equipment has a very large start current which could cause problems with a generator running at nearly full load under normal running current. The non-interrupting type power source would be beneficial in that power surge would be no problem and primarily in that the KW-26 circuits would never be out of operation due to change-over from normal to emergency power. Without a non-interrupting power source a group of 10 to 15 KW-26 units, all out at the same time, and requiring individual set-up, could cause a major delay of traffic.				

FORM 10-58 1543

SECRET

(20-42)

SECRET

(When Filled In)

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ORIGINATOR(S)		BUDGET EST.		REPORTING PERIOD
		FY	AMOUNT	1-31 August 1960
ACTION				
<input type="checkbox"/> FUTURE	<input type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input checked="" type="checkbox"/> SUSPENDED
PROJECT NUMBER	PRIORITY CLASS	PRIM. RESPONSIBILITY	PROJECT ENGINEER	
E-5123	I	SDS		
PROJECT TITLE				
Antenna Systems for Foreign Service Communications Nets				
PROJECT REQUIREMENT To provide antenna systems, with the receiving antenna(s) being capable of joint use by other offices, for communications nets installed <input type="text"/> buildings. The antenna installation should perform efficiently and yet not detract from the esthetic appearance of the building.				
PROJECT DESCRIPTION				
To select approved types of antennas, multicouplers, and antenna towers for installation at specific locations.				
APPROVAL DATE	APPROVED BY		STARTING DATE	COMPLETION DATE
April 1958	GBG <u>S</u> JJK <u>S</u>		April 1958	
REMARKS				
Higher priority projects prevented progress this month.				

FORM 10-58 1543

SECRET

(20-42)

Page Denied

SECRET
(When Filled In)

MONTHLY PROJECT REPORT				
ORIGINATOR(S)		BUDGET EST.		REPORTING PERIOD
OC-E		FY	AMOUNT	1 August - 31 August 1960
ACTION				
FUTURE	<input checked="" type="checkbox"/> ACTIVE	COMPLETED	CANCELLED	SUSPENDED
PROJECT NUMBER	PRIORITY CLASS	PRIM. RESPONSIBILITY	PROJECT FACILITIES	
E-5137	I	EES		
PROJECT TITLE				
Coaxial Output Network for the 231-D Transmitter				
PROJECT REQUIREMENT				
A coaxial output network, independent of the existing unbalanced output is required for the 231-D Transmitter.				
PROJECT DESCRIPTION				
The output circuit of the 231-D Transmitter will be investigated and a suitable net work, with provisions for metering, will be designed and fabricated to accommodate coaxial fittings. The existing outputs (i.e., unbalanced and balanced 600 ohm line feed) of this transmitter will not be affected. A modification kit with instructions will be drawn up.				
APPROVAL DATE	APPROVED BY		STARTING DATE	COMPLETION DATE
July 1958	GBC JJK		July 1958	
REMARKS				
Installation drawings for mounting and connecting the coaxial output adaptor should complete the project. This should be accomplished during the next reporting period.				

25X1

SECRET

(When Filled In)

MONTHLY PROJECT REPORT

ORIGINATOR(S)		BUDGET EST.		REPORTING PERIOD	
CSD 8-517		FY	AMOUNT	1 August - 31 August 1960	
ACTION					
STATUS	<input checked="" type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input type="checkbox"/> SUSPENDED	
PROJECT NUMBER	PRIORITY CLASS	PRIM. RESPONSIBILITY			
E-5138	I	EES			
PROJECT TITLE					
Teletype Clear Text Alarm					
PROJECT REQUIREMENT: A device is required which will detect the clear text word "CITE" when transmitted to a signal line. Upon detecting this word the device will provide a disabling circuit for the transmitter-distributor and an audible and/or visual alarm shall be given.					
PROJECT DESCRIPTION					
<p>All signal lines are monitored by model-14 reperforators. Contact assemblies are available that are operated by the pull bars on the M-14. These contacts can be added so that they are operated by the space, C, I, T, and E pull bars. These contacts can be used to control the Clear Text Alarm device. The Clear Text Alarm device will be either relay or diode operated and contain its own power supply.</p>					
APPROVAL DATE	APPROVED BY		STARTING DATE	COMPLETION DATE	
August 1958	/WAB/ /JJK/		August 1958		

The contracting company has requested we make an in plant inspection of the two prototypes during the week of 12 September. Delivery is scheduled the week of 19 September.

Page Denied

SECRET

(When Filled In)

MONTHLY PROJECT REPORT

ORIGINATOR(S)

OC-ASD

BUDGET EST.

REPORTING PERIOD

FY

AMOUNT

1-31 August 1960

ACTION

FUTURE

☒

ACTIVE

COMPLETED

CANCELLED

SUSPENDED

PROJECT NUMBER

5154

PRIORITY CLASS

I

PRIM. RESPONSIBILITY

SDS

PROJECT ENGINEER

PROJECT TITLE

RATT "Fly-Away" Station

PROJECT REQUIREMENT

Provide transportable SSB duplex RATT station circuit.

PROJECT DESCRIPTION

Design lightweight station packaged for easy handling.

APPROVAL DATE

APPROVED BY

/FCI/

/HWK/

STARTING DATE

COMPLETION DATE

REMARKS

The two-tone keyer was satisfactory on evaluation and one was ordered for the project.

FORM
10-58

1543

SECRET

(20-42)

SECRET

(When Filled In)

MONTHLY PROJECT REPORT

ORIGINATOR(S)		BUDGET EST.		REPORTING PERIOD	
		FY	AMOUNT	1 August - 31 August 1960	
ACTION					
<input type="checkbox"/> FUTURE	<input checked="" type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input type="checkbox"/> SUSPENDED	
PROJECT NUMBER	PRIORITY CLASS	PRIM. RESPONSIBILITY		PROJECT ENGINEER	
E-5159		EES			
PROJECT TITLE					
LINE BATTERY SUPPLY REPLACEMENT					
PROJECT REQUIREMENT					
To provide a standard solid state rectifier supply to meet the requirements of the large Agency Signal Centers.					
PROJECT DESCRIPTION					
Investigate the commercial field of solid-state rectifier supplies. Recommend a replacement for the present standard model of rectifier.					
APPROVAL DATE		APPROVED BY		COMPLETION DATE	
		/FGI/ /HWK/			
REMARKS					
Sales literature has been requested from numerous commercial companies.					

25X1

SECRET
(When Filled In)

MONTHLY PROJECT REPORT				
ORIGINATOR(S)		BUDGET EST.		REPORTING PERIOD 1 August - 31 August 1960
		FY	AMOUNT	
ACTION				
<input type="checkbox"/> FUTURE	<input checked="" type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input type="checkbox"/> SUSPENDED
PROJECT NUMBER E-5167	PRIORITY CLASS	PRIM. RESPONSIBILITY EES	PROJECT ENGINEER	
PROJECT TITLE CIPHER TAPE DESTROYER				
PROJECT REQUIREMENT Perfect an apparatus to prevent the reuse of a encipher tape.				
PROJECT DESCRIPTION Design and construct an apparatus to mutilate a cipher tape immediately after its first use, so as to prevent its reuse. The apparatus must be capable of being electrically interlocked with the encipher-decipher switch of the teletype machine.				
APPROVAL DATE	APPROVED BY /FGI/ /HWK/		STARTING DATE	COMPLETION DATE
REMARKS The prototype tape destroyer along with an Agency owned TD and mounting shelf are being shipped to the manufacturer for final refinement and configuration.				

25X1

SECRET

(When Filled In)

MONTHLY PROJECT REPORT				
ORIGINATOR(S) OC-ED/OC-E		BUDGET EST. FY		REPORTING PERIOD 1 August - 31 August 1960
ACTION				
<input type="checkbox"/> FUTURE	<input checked="" type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input type="checkbox"/> SUSPENDED
PROJECT NUMBER E-5168	PRIORITY CLASS	PRIM. RESPONSIBILITY EES	25X1	
PROJECT TITLE RADIATION FROM HF TRANSMITTERS ON SUB-MULTIPLES OF OPERATING FREQUENCY				
PROJECT REQUIREMENT Determine extent of the problem of sub-multiple radiation from OC Standard HF Transmitters. Determine the causes and recommend appropriate remedial action.				
PROJECT DESCRIPTION Investigate Agency HF transmitters, including the HT-4, 16F, GPT-750, 231 D, and AM/FRT-5 to determine whether objectionable radiation of RF energy occurs at sub-multiples of the nominal operating frequencies. Examine circuit parameters and equipment to establish causes, and determine effective corrective measures.				
APPROVAL DATE	APPROVED BY /FGI/ /HWK/		STARTING DATE	COMPLETION DATE
REMARKS Tests conducted on 231D transmitters indicated no corrective action is required as sub-multiple radiation is from 49 db to 94 db down from the fundamental. This information was forwarded to the original complaintant, EUCA, with a request for additional information.				

Page Denied

SECRET
(When Filled In)

MONTHLY PROJECT REPORT					
ORIGINATOR(S) OC-E		BUDGET EST. FY. 1959 AMOUNT		REPORTING PERIOD 1-31 August 1960	
ACTION					
FUTURE	<input checked="" type="checkbox"/> ACTIVE	COMPLETED	CANCELLED	SUSPENDED	
PROJECT NUMBER E-5174	PRIORITY CLASS II	PRIM. RESPONSIBILITY FES			
PROJECT TITLE General Engineering Support to all Communications Areas					
PROJECT REQUIREMENT Same as Above					
PROJECT DESCRIPTION					
<p>Provide engineering representation [] and Agency elements for new construction and relocation of communications facilities not covered under other projects.</p> <p>Support is also to be given to the Areas in providing general engineering information and resolving individual technical problems as required.</p> <p>Records are to be maintained for Area Base and Field Stations reports and drawings []</p>					
APPROVAL DATE	APPROVED BY /HWK/ /FGI/		STARTING DATE	COMPLETION DATE	
REMARKS					

Page Denied

SECRET
(When Filled In)

MONTHLY PROJECT REPORT					
ORIGINATOR(S) OC-MED MD-M 60-022		BUDGET EST. FY AMOUNT		REPORTING PERIOD 1-31 August 1960	
ACTION					
FUTURE	<input checked="" type="checkbox"/> ACTIVE	COMPLETED	CANCELLED	SUSPENDED	
PROJECT NUMBER E-5184	PRIORITY CLASS I	PRIM. RESPONSIBILITY SDS		PROJECT ENGINEER	
PROJECT TITLE [] Communications Net					
PROJECT REQUIREMENT Plan equipment and layout for net.					
PROJECT DESCRIPTION Design 2-position CW base station and three 1-position CW out-stations.					
APPROVAL DATE March 1960	APPROVED BY OC-E [Signature]	SEB [Signature]	STARTING DATE March 1960	COMPLETION DATE	
REMARKS Drawings were prepared for the RF, audio, and power wiring, 5 KW generator mounting, and surface duct installation. These were labeled to identify components, connectors, etc. and may be used as standard drawings for one or two position stations. Procurement Memos were submitted for additional equipment for the net []					

FORM 1543
10-58

SECRET

(20-421)

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(When Filled In)**MONTHLY PROJECT REPORT**

INITIATOR(S) OC Order 7-58		BUDGET EST. FY 60 AMOUNT		REPORTING PERIOD 1-31 August 1960
ACTION				
<input type="checkbox"/> FUTURE	<input checked="" type="checkbox"/> ACTIVE	<input type="checkbox"/> COMPLETED	<input type="checkbox"/> CANCELLED	<input type="checkbox"/> SUSPENDED
PROJECT NUMBER 5188	PRIORITY CLASS II	PRIM. RESPONSIBILITY FES		PROJECT ENGINEER
PROJECT TITLE Semi-annual Engineering Base and Field Reports				
PROJECT REQUIREMENT Collect Engineering information describing current Agency communications facilities.				
PROJECT DESCRIPTION Provide and distribute forms, regulate reporting dates and compile engineering information obtained from completed forms relative to current locations and equipment details for all Agency Base and Field Communications stations. Prepare drawings from received sketches, maintain reference files and forward duplicates to the field.				
APPROVAL DATE	APPROVED BY <i>[Signature]</i> /HWK/ /FGI/	STARTING DATE 1 June 1960	COMPLETION DATE	
REMARKS reports have been received from the following Stations				
<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 150px; height: 100px; margin-right: 10px;"></div> <div> <p>Equipment & Drawings</p> <p>Equipment & Drawings</p> <p>Equipment Only</p> <p>Equipment and Revised Drawings</p> <p>Equipment Only</p> <p>Drawings Only</p> <p>Equipment Only</p> <p>Equipment & Drawings</p> </div> </div> <p>Equipment "in-use" has been appropriately recorded on "Area" and "World Wide" master sheets.</p> <p>New and/or corrected drawings have been formulated from the sketches and changes submitted from the field.</p>				

FORM 1543

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(20-42)

Page Denied

Next 3 Page(s) In Document Denied